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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
(Our Case No. 1723-14140US02)

In the Application of:

Jesse R. Miller, *et al.*

Serial No.: 10/731,300

Filing Date: December 8, 2003

Examiner: To be assigned

Group Art Unit: 2882

For: METHOD AND APPARATUS
FOR X-RAY DIFFRACTION
ANALYSIS

CERTIFICATE OF MAILING

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1450, on June 3, 2004.

By:

Michael B. Harlin

Reg. No. 43,658

INFORMATION DISCLOSURE STATEMENT

Mail Stop Amendment
Commissioner for Patents
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Dear Sir:

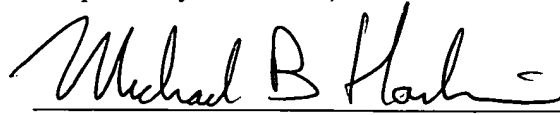
Pursuant to the Applicants' continuing duty of disclosure under 37 C.F.R. §1.56, the Applicants wish to file this Information Disclosure Statement ("IDS") under 37 CFR §1.97(c). This disclosure is also accompanied by two copies of Form PTO 1449.

Pursuant to 37 C.F.R. §1.97(g) and (h), the disclosure of these references in this Information Disclosure Statement shall not constitute a representation that a search for prior art was made or an admission that the references are material or that they are prior art.

Because this Information Disclosure Statement is being submitted before receipt of a first Office Action, it is believed no fees are due. However, in the event that any fees are required for the

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Respectfully submitted,

A handwritten signature in dark ink, appearing to read "Michael B. Harlin", is written over a horizontal line.

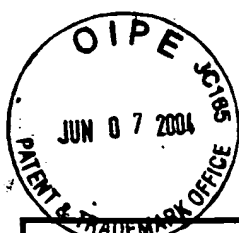
Michael B. Harlin

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Attorney For Applicant

Date: June 3, 2004

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PTO/SB/08A (08-03)

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Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 1 of 1

Complete if Known

Application Number	10/731,300
Filing Date	December 8, 2003
First Named Inventor	Miller, et al.
Group Art Unit	2882
Examiner Name	Not Yet Assigned
Attorney Docket Number	14140US03

U.S. PATENT DOCUMENTS

Examiner Initial*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
	A1	4,678,340		Boese	
	A2	5,127,039		Hesch	
	A3	5,390,230		Chang	
	A4	6,226,349		Schuster et al.	
	A5	6,233,307		Golenhofen	
	A6				
	A7				
	A8				
	A9				
	A10				
	A11				
	A12				

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
	A13					
	A14					
	A15					
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OTHER ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published
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**EXAMINER
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This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450 Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. Send TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Rev. Sept. 03

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